American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

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4/10/89

weekly statistical bulletin

FINANCE, ACCOUNTING AND STATISTICS DEPARTMENT
VOL. 70 For Week Ended March 31, 1989 NO. 13

SUMMARY*

(In Thousands of 42-gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 03/31/89	Last Week Ending: 03/24/89	Last Year Week Ending: 04/01/88	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	13,605	12,938	13,208	667	397
Operable capacity	15,907	15,907	15,697	0	210
Percent operated	85.5	81.3	84.1		
Motor Gasoline					
Total motor gasoline production	6,619	6,442	6,919	177	-300
Finished leaded motor gasoline production	733	855	1,483	-122	-750
Finished unleaded motor gasoline production	5,886	5,587	5,436	299	450
Total motor gasoline stocks	232,466	236,455	229,766	-3,989	2,700
Finished leaded motor gasoline stocks	32,810	35,174	48,505	-2,364	-15,695
Finished unleaded motor gasoline stocks	159,385	162,477	144,337	-3,092	15,048
Jet Fuel Kerosine					
Jet fuel kerosine production	1,231	1,178	1,191	53	40
Jet fuel kerosine stocks	36,946	36,961	38,873	-15	-1,927
Distillate Fuel Oil					
Distillate fuel oil production	2,757	2,679	2,787	78	-30
Distillate fuel oil stocks	95,268	96,231	91,258	-963	4,010
Residual Fuel Oil					
Residual fuel oil production	932	951	911	-19	21
Residual fuel oil stocks	40,731	38,868	41,992	1,863	-1,261
Imports					
Crude oil imports	4,335	4,755	5,222	-420	-887
Product imports	2,634	2,337	2,652	297	-18
Crude Oil Stocks					
Crude oil stocks	324,578	337,425	345,832	-12,847	-21,254
Crude Supply Balance	-549				

*See definitions on page 6.

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,373	1,214*	1,214*	1,380	88.0*
Appal. No. 1	113	105	105	107	98.1
DISTRICT 1 TOTAL	1,486	1,319*	1,319*	1,487	88.7*
Ind., Ill., Ky.	2,180	1,939	1,955	2,254	86.7
Minn., Wisc., Daks.	337	324	325	312	104.2
Okla., Kans., Mo.	711	624	632	718	88.0
DISTRICT 2 TOTAL	3,228	2,887	2,912	3,284	88.7
Inland Texas	585	522	534	569	93.8
Texas Gulf Coast	3,598*	3,083	3,131	3,565	87.8
La. Gulf Coast	2,603	2,427	2,455	2,908	84.4
N. La. and Ark.	194	171	175	252	69.4
New Mexico	92	72	72	76	94.7
DISTRICT 3 TOTAL	7,072*	6,275	6,367	7,370	86.4
DISTRICT 4 TOTAL	433	401	409	535	76.4
DISTRICT 5 TOTAL	2,598*	2,581	2,598	3,231	80.4
TOTAL U.S.	14,817	13,463	13,605	15,907	85.5
TOTAL U.S. Weeks Ended:					
MAR. 24, 1989	14,168*	12,748*	12,938*	15,907	81.3*
APR. 1, 1988	14,427	13,059	13,208	15,697	84.1
DISTRICTS 1-4 Weeks Ended:					
MAR. 31, 1989	12,219	10,882	11,007	12,676	86.8
MAR. 24, 1989	11,654*	10,257*	10,447*	12,676	82.4*
APR. 1, 1988	11,593	10,447	10,586	12,438	85.1

* See Revisions on Page 7.

API WEEKLY STATISTICAL BULLETIN

Week Ended March 31, 1989

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil
East Coast	599*	14	585*	14	53	271	153
Appal. No. 1	42	8	34	--	--	34	3
DISTRICT 1 TOTAL	641*	22	619*	14	53	305	156
Ind., Ill., Ky.	1,125	44	1,081	1	99	465	65
Minn., Wisc., Daks.	165	27	138	1	26	88	10
Okla., Kans., Mo.	310	70	240	7	43	163	2
DISTRICT 2 TOTAL	1,600	141	1,459	9	168	716	77
Inland Texas	277	62	215	20	47	101	13
Texas Gulf Coast	1,540*	111*	1,429*	30	336	611	184
La. Gulf Coast	1,263	79	1,184	25	287	438	127
N. La. and Ark.	62	14	48	5	4	49	10
New Mexico	43	11	32	6	3	19	--
DISTRICT 3 TOTAL	3,185*	277*	2,908*	86	677	1,218	334
DISTRICT 4 TOTAL	220	76	144	17	24	124	10
DISTRICT 5 TOTAL	973	217	756	72	309	394	355
TOTAL U.S.	6,619	733	5,886	198	1,231	2,757	932
TOTAL U.S. Weeks Ended:							
MAR. 24, 1989	6,442*	855*	5,587*	224	1,178	2,679	951
APR. 1, 1988	6,919	1,483	5,436	205	1,191	2,787	911
DISTRICTS 1-4 Weeks Ended:							
MAR. 31, 1989	5,646	516	5,130	126	922	2,363	577
MAR. 24, 1989	5,379*	659*	4,720*	161	861	2,273	513
APR. 1, 1988	5,756	1,157	4,599	156	872	2,361	593

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2]Includes Grade No. 4 fuel oil.

* See Revisions on Page 7.

STOCKS OF SELECTED PRODUCTS
(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	3,109	126	2,982	1	96	490	3,386	437	--
Central Atlantic	28,523*	2,307	21,880*	4,336*	467	4,318	16,641*	12,672*	12,705*
Lower Atlantic	32,268	3,887	28,096	285	382	4,590	12,624	3,201	468
DISTRICT 1 TOTAL	63,900*	6,320	52,958*	4,622*	945	9,598	32,651*	16,310*	13,173*
DISTRICT 2 TOTAL	65,405	11,233	44,343	9,829	741	8,265	27,444	3,212	15,402
DISTRICT 3 TOTAL	69,175*	7,396*	45,149	16,630	2,193	13,134	22,630	11,407	53,476*
DISTRICT 4 TOTAL	7,032	2,082	2,781	2,169	288	594	2,097	636	2,185
DISTRICT 5 TOTAL	26,954*	5,779	14,154*	7,021*	1,791	5,355	10,446*	9,166	26,136*
TOTAL U.S.	232,466	32,810	159,385	40,271	5,958	36,946	95,268	40,731	110,372
TOTAL U.S. Weeks Ended:									
MAR. 24, 1989	236,455*	35,174*	162,477*	38,804*	6,192	36,961	96,231*	38,868*	106,509*
APR. 1, 1988	229,766	48,505	144,337	36,924	6,669	38,873	91,258	41,992	101,446
DISTRICTS 1-4 Weeks Ended:									
MAR. 31, 1989	205,512	27,031	145,231	33,250	4,167	31,591	84,822	31,565	84,236
MAR. 24, 1989	208,230*	28,953*	147,552*	31,725*	4,582	31,519	86,282*	29,342*	81,947*
APR. 1, 1988	200,523	41,385	130,177	28,961	5,395	33,007	82,137	33,363	78,643

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.
[2]Includes Grade No. 4 fuel oil.

* See Revisions on Page 7.

WEEKLY STATISTICAL BULLETIN
Week Ended March 31, 1989

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS, CRUDE OIL SUPPLY BALANCE AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy November 1988	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Locatio
	Daily Average				
DISTRICTS 1-4 TOTAL					
MAR. 31, 1989	4,905.0	4,919.0	4,019	699	248,353
MAR. 24, 1989	4,905.0	--	4,675*	636	255,303*
MAR. 17, 1989	4,905.0	--	5,506	672	254,475*
MAR. 10, 1989	4,905.0	--	4,208	672	249,381*
DISTRICT 5 TOTAL					
MAR. 31, 1989	3,081.0	3,062.0	316	37	76,225 #
MAR. 24, 1989	3,081.0	--	80	16	82,122*
MAR. 17, 1989	3,081.0	--	115	36	84,986
MAR. 10, 1989	3,081.0	--	280	13	82,846
TOTAL U.S.					
MAR. 31, 1989	7,986.0	7,981.0	4,335	736	324,578 #
MAR. 24, 1989	7,986.0	--	4,755*	652	337,425*
MAR. 17, 1989	7,986.0	--	5,621	708	339,461*
MAR. 10, 1989	7,986.0	--	4,488	685	332,227*
APR. 1, 1988	8,340.0 a/	--	5,222	505	345,832

#INCLUDES 15,363 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

a/ DOE actual for March 1988.

DAILY AVERAGE CRUDE OIL SUPPLY BALANCE[1] (In thousands of 42-gallon barrels)

Week Ended:	Current	1988 Averages Absolute	Positive	Negative
MAR. 31, 1989	-549	445	472	-372

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1-4	District 5	Total U.S.
Weeks Ended:							
MAR. 31, 1989	14,114	67,098	155,101	12,040	248,353	76,225 #	324,578 #
MAR. 24, 1989	15,384*	66,979	161,137	11,803	255,303*	82,122*	337,425*
APR. 1, 1988	14,021	72,944	167,294	13,505	267,764	78,068	345,832

[1]See definitional notes, Page 6.

* See Revisions on Page 7.

IMPORTS OF PETROLEUM PRODUCTS
(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Gasoline[2] Blending Components	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[3]	Residual Fuel Oil	L.P.G.	Unfinished Oils	Other	Total
New England	90	--	90	--	--	--	419	259		--	--	775
Central Atlantic	242	2	240	38	--	108	210	390	7	191	19	1,205
Lower Atlantic	71	8	63	--	--	8	13	20	--	--	2	114
DISTRICT 1 TOTAL												
MAR. 31, 1989	403	10	393	38	--	116	642	669	14	191	21	2,094
MAR. 24, 1989	402	2	400	22	--	68	418	725	27	70	47	1,779
MAR. 17, 1989	398	45	353	25	--	70	392	527	32	94	9	1,547
MAR. 10, 1989	266	1	265	86	--	90	213	775	37	124	51	1,642
DISTRICTS 2-4 TOTAL												
MAR. 31, 1989	15	--	15	7	3	10	16	62	110	188	23	434
MAR. 24, 1989	3	--	3	6	3	22	8	11	132	138	157	480
MAR. 17, 1989	3	--	3	--	3	13	10	17	182	265	200	693
MAR. 10, 1989	2	--	2	10	3	63	6	14	135	157	115	505
DISTRICT 5 TOTAL												
MAR. 31, 1989	8	--	8	--	--	43	10	37	8	--	--	106
MAR. 24, 1989	14	--	14	--	--	8	30	10	12*	--	4	78*
MAR. 17, 1989	39	--	39	--	--	6	3	10	13	--	--	71
MAR. 10, 1989	9	--	9	--	--	9	1	20	10	--	--	49
TOTAL U.S.	426	10	416	45	3	169	668	768	132	379	44	2,634
TOTAL U.S. Weeks Ended:												
MAR. 24, 1989	419	2	417	28	3	98	456	746	171*	208	208	2,337*
MAR. 17, 1989	440	45	395	25	3	89	405	554	227	359	209	2,311
MAR. 10, 1989	277	1	276	96	3	162	220	809	182	281	166	2,196
APR. 1, 1988	473	37	436	42	3	95	282	854	244	250	409	2,652

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.
[2]Gasoline blending components are not included in total motor gasoline imports.
[3]Includes Grade No. 4 fuel oil.

* See Revisions on Page 7.

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the components stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

Crude Oil Imports

Crude oil (includes lease condensate) produced outside the 50 states. Material from the Athabasca tar sands is included.
Reported on a Port of Entry basis.
The Total of crude oil imports includes those from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Crude Supply Balance

Crude Supply Balance is the arithmetic difference, expressed in MB/D, between those factors that make up the availability of crude oil (Supply), i.e., estimated domestic crude oil production plus imports plus or minus the change in crude oil stocks, and those factors that convert or consume crude oil (Disposition), i.e., crude oil refinery inputs, exports, product supplied (used directly as fuel) and losses. A negative volume indicates a supply greater than disposition while a positive number indicates insufficient supply to balance.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but included shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorous per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Finance, Accounting and Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE, Petroleum Supply Annual.

REVISIONS

03/10/89	PAGE 2	TOTAL MGAS	EAST COAST	682
			DISTRICT 1 TOTAL	724
			TOTAL U.S.	6,591
			DISTRICTS 1-4	5,666
		UNLEADED MGAS	EAST COAST	658
			DISTRICT 1 TOTAL	692
			TOTAL U.S.	5,844
			DISTRICTS 1-4	5,125
	PAGE 3	TOTAL MGAS	CENTRAL ATLANTIC	30,838
			DISTRICT 1 TOTAL	66,690
			TOTAL U.S.	241,612
			DISTRICTS 1-4	212,307
		UNLEADED MGAS	CENTRAL ATLANTIC	23,297
			DISTRICT 1 TOTAL	54,493
			TOTAL U.S.	163,586
			DISTRICTS 1-4	148,002
		BLENDING COMPS	CENTRAL ATLANTIC	4,647
			DISTRICT 1 TOTAL	4,828
			TOTAL U.S.	41,208
			DISTRICTS 1-4	33,647
		UNFINISHED OILS	CENTRAL ATLANTIC	11,512
			DISTRICT 1 TOTAL	12,008
			TOTAL U.S.	102,679
			DISTRICTS 1-4	78,645
	PAGE 4 T	CRUDE OIL STOCKS	DISTRICTS 1-4 TOTAL	249,381
			TOTAL U.S.	332,227
	PAGE 4 B	TOTAL	PAD DISTRICT 1	15,840
			TOTAL PAD DISTRICTS 1-4	249,381
			TOTAL U.S.	332,227
03/17/89	PAGE 3	TOTAL MGAS	CENTRAL ATLANTIC	30,071
			DISTRICT 1 TOTAL	66,385
			TOTAL U.S.	240,991
			DISTRICTS 1-4	211,810
		UNLEADED MGAS	CENTRAL ATLANTIC	23,128
			DISTRICT 1 TOTAL	54,980
			TOTAL U.S.	164,866
			DISTRICTS 1-4	149,752
		BLENDING COMPS	CENTRAL ATLANTIC	4,165
			DISTRICT 1 TOTAL	4,314
			TOTAL U.S.	39,902
			DISTRICTS 1-4	31,952
		RESIDUAL FUEL	CENTRAL ATLANTIC	12,166
			DISTRICT 1 TOTAL	15,156
			TOTAL U.S.	40,915
			DISTRICTS 1-4	31,811
	PAGE 4 T	CRUDE OIL STOCKS	DISTRICTS 1-4 TOTAL	254,475
			TOTAL U.S.	339,461

REVISIONS

	PAGE 4 B	TOTAL	PAD DISTRICT 1	15,290
			TOTAL PAD DISTRICTS 1-4	254,475
			TOTAL U.S.	339,461
03/24/89	PAGE 1	TOTAL REFINERY INPUT	TEXAS GULF COAST	3,509
			DISTRICT 3 TOTAL	6,749
			DISTRICT 5 TOTAL	2,514
			TOTAL U.S.	14,168
			DISTRICTS 1-4	11,654
		CRUDE OIL RUNS	EAST COAST	1,077
			DISTRICT 1 TOTAL	1,179
			TOTAL U.S.	12,748
			DISTRICTS 1-4	10,257
		INPUT TO CRUDE OIL	EAST COAST	1,122
			DISTRICT 1 TOTAL	1,224
			TOTAL U.S.	12,938
			DISTRICTS 1-4	10,447
		% OPERABLE	EAST COAST	81.3
			DISTRICT 1 TOTAL	82.3
			TOTAL U.S.	81.3
			DISTRICTS 1-4	82.4
	PAGE 2	TOTAL MGAS	TEXAS GULF COAST	1,534
			DISTRICT 3 TOTAL	2,993
			TOTAL U.S.	6,442
			DISTRICTS 1-4	5,379
		LEADED MGAS	TEXAS GULF COAST	114
			DISTRICT 3 TOTAL	355
			TOTAL U.S.	855
			DISTRICTS 1-4	659
		UNLEADED MGAS	TEXAS GULF COAST	1,420
			DISTRICT 3 TOTAL	2,638
			TOTAL U.S.	5,587
			DISTRICTS 1-4	4,720
	PAGE 3	TOTAL MGAS	CENTRAL ATLANTIC	29,446
			DISTRICT 1 TOTAL	65,057
			DISTRICT 3 TOTAL	69,462
			DISTRICT 5 TOTAL	28,225
			TOTAL U.S.	236,455
			DISTRICTS 1-4	208,230
		LEADED MGAS	DISTRICT 3 TOTAL	7,683
			TOTAL U.S.	35,174
			DISTRICTS 1-4	28,953
		UNLEADED MGAS	CENTRAL ATLANTIC	22,974
			DISTRICT 1 TOTAL	53,986
			DISTRICT 5 TOTAL	14,925
			TOTAL U.S.	162,477

REVISIONS

		DISTRICTS 1-4	147,552
	BLENDING COMPS	DISTRICT 5 TOTAL	7,079
		TOTAL U.S.	38,804
	DISTILLATE FUEL	CENTRAL ATLANTIC	16,242
		DISTRICT 1 TOTAL	32,325
		DISTRICT 5 TOTAL	9,949
		TOTAL U.S.	96,231
		DISTRICTS 1-4	86,282
	RESIDUAL FUEL	CENTRAL ATLANTIC	11,700
		DISTRICT 1 TOTAL	14,668
		TOTAL U.S.	38,868
		DISTRICTS 1-4	29,342
	UNFINISHED OILS	DISTRICT 3 TOTAL	51,710
		DISTRICT 5 TOTAL	24,562
		TOTAL U.S.	106,509
		DISTRICTS 1-4	81,947
PAGE 4 T	TOTAL CRUDE OIL IMPORTS	DISTRICTS 1-4 TOTAL	4,675
		TOTAL U.S.	4,755
	CRUDE OIL STOCKS	DISTRICTS 1-4 TOTAL	255,303
		DISTRICT 5 TOTAL	82,122
		TOTAL U.S.	337,425
PAGE 4 B	TOTAL	PAD DISTRICT 1	15,384
		TOTAL PAD DISTRICTS 1-4	255,303
		PAD DISTRICT 5	82,122
		TOTAL U.S.	337,425
PAGE 5	L.P.G.	DISTRICT 5 TOTAL	12
		TOTAL U.S.	171
	TOTAL	DISTRICT 5 TOTAL	78
		TOTAL U.S.	2,337